T 28397-66 AT6013796 ACC NR -0.980 v -- Fe₃0₄ + $4H_2$ 0 + 8e= 3Fe + 80H°. The first delay corresponds to the reduction of Fe(OH); the second, to the incomplete reduction of the Fe(OH); and the third, to the reduction of the magnetite Fe304, which involves the highest overvoltage and lasts longest. The O2 dissolved in the electrolyte contributes to the passivation of Fe, chiefly accelerating the cathodic process, and it also exerts a similar effect on the passivation of Cu. The anodic behavior of Cu in the alkali medium at 25°C, characterized by two successively evolving processes of the formation of Cu₂O and CuO directly from Cu, corresponds to a virtually reversible -- in the amount of electricity (the amount of electricity expended on the formation of the Cu20 (CuOH) film is virtually equal to the amount of electricity expended on its reduction) -potential delay on the galvanostatic curves with respect to the first process (formation of Cu₂O). The reduction of CuO occurs during the intermediate stage of the formation of Cu2O. The passivation potential of Ni in the alkali medium (0.1N and lN NaOH solutions) is in nearly complete agreement with the equilibrium potential Ni + 20H = Ni0 + H20 + 2e. Orig. art. has: 7 figures and 3 tables. SUB CODE: 13,07,11,20/ SUBM DATE: 19Jul65/ ORIG REF: 015/ OTH REF: 2/2 26

ACC NR: AP6035926

SOURCE CODE: UR/0413/66/000/020/0193/0194

AUTHOR: Golubev, A. I.

ORG: none

TITLE: Self-priming centrifugal pump. Class 59, No. 187525

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no.20,

TOPIC TAGS: pump, centrifugal pump

ABSTRACT: The proposed self-priming pump has a built-in booster pump for producing a vacuum at the inlet. The pump is of compact design and insures a high vacuum. (see Figure 1).

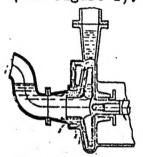


Fig. 1. Self-priming pump 1- booster; 2- sleeve; 3impeller.

UDC: 621.671

Card 1/2

APPROVED FOR RELEASE: 06/13/2000 CIA-RE

CIA-RDP86-00513R000515910008-2"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515910008-2

ACC NRI AP6	035926	[88-AW]
one art.	has: 1 figure. 13/ SUBM DATE: 21Jul64/	
502		
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ACC NR: AT7004164 (A) SOURCE CODE: UR/0000/66/000/000/0080/0082

AUTHOR: Golubev, A. I. (Doctor of technical sciences); Ignatov, N. N.

ORG: none

TITLE: Effect of temperature on the rate of metal corrosion in the atmosphere

SOURCE: AN SSSR. Institut fizicheskoy khimii. Korroziya i zashchita konstruktsionnykh splavov (Corrosion and protection of structural alloys) Moscow, Izd-vo Nauka, 1966, 80-82

TOPIC TAGS: corrosion, corrosion rate, metal corrosion, atmospheric metal corrosion, temperature, iron, zinc, copper, cadmium, magnesium alloy, atmospheric corrosion

ABSTRACT: A study was made at the Batumi Corrosion Station of the Institute of Physical Chemistry AN SSSR of the effect of temperature on the rate of corrosion in metals under atmospheric conditions. The study showed that in a subtropical climate an increase in temperature between 7—26 C has practically no effect on the rate of corrosion in copper, zinc, cadmium, and magnesium alloys; however, in

Card 1/2

UDC: 620, 197, 1:546, 3, 19

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CIA-RDP86-00513R000515910008-2

ACC NR. AT7004174

SOURCE CODE: UR/0000/66/000/000/0236/0241

AUTHOR: Golubev, A. I. (Doctor of technical sciences)

ORG: none

TITLE: Study of the protective properties of lubricants

SOURCE: AN SSSR. Institut fizicheskoy khimii. Korroziya i zashchita konstruktsionnykh splavov (Corrosion and protection of structural alloys) Moscow, Izd-vo Nauka, 1966, 236-241

TOPIC TAGS: lubricant, protective coating, electrolytic deposition, organic coating, metallurgy, thin film

ABSTRACT: A method is proposed for depositing thin (20-500 LL) organic coatings on platinum electrodes of limited area (0.5 mm²), and for effecting control of their quality (thickness, uniformity of deposition, air bubbles, etc.) using a Linnik microscope. The method provides an electrochemical means for studying the kinetics of diffusion of oxygen and the electrolyte through such protective coatings (lubricants) on electrodes with the use of polarographs, and provide

Cord 1/2

UDC: 620, 197, 1:546, 3, 19

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ACC NR. AT7004175 (A) SOURCE CODE: UR/0000/66/000/000/0242/0251

AUTHOR: Golubev, A. I. (Doctor of technical sciences); Rozbianskaya, A. A.; Pedanova, V. G.; Skvortsova, L. I.

ORG: none

TITLE: Osmotic diffusion of an electrolyte through thin layers of a lubricant using an electrochemical method

SOURCE: AN SSSR. Institut fizicheskoy khimii. Korroziya i zashchita konstruktsionnykh splavov (Corrosion and protection of structural alloys) Moscow, Izd-vo Nauka, 1966, 242-251

TOPIC TAGS: electrolytic deposition, protective coating, corrosion resistance, electrolyte diffusion, lubricant, swelling, hydrocarbon lubricant, permeability

ABSTRACT: The osmotic diffusion of oxygen and an electrolyte through thin layers of a lubricant was studied using a polarographic method. It was found that different lubricants have different degrees of permeability, caused by the gelling agent, its structure, and the properties of the oil. The permeability of hydro-

Cord 1/2

UDC: 620, 197, 1:546, 3, 19

ACC NR. AT7004175

carbon lubricants is basically determined by their capacity for swelling. The overall characteristics of diffusion in all the hydrocarbon lubricants studied were found to be similar to diffusion through other organic membranes. The grades of lubricants studied may be arranged according to their protective effectiveness in the following order: PVK, gun lubricant, OKB-122-7, GOI-54, PP295-5, SKhK-3, TSIATIM-205, and UPS-30. The breakdown of soap lubricant films occurs as a result of their reaction (hydrolysis, dissociation, mycelle hydration) to the lubricant, producing changes in the colloidal system as a whole. The lithium-protective properties. On the other hand TsIATIM-203, and 1-13 quickly lose their MS-70 maintain their protective properties for a long time. Orig. art. has:

SUB CODE: 11, 14/SUBM DATE: none/ORIG REF: 009/OTH REF: 002/

Card 2/2

GOLUBEV, A.M., Cand Agr Sci -- (diss) "Cultivation of perennial grasses in the dry steppe regions of Northeast Kazakhstan." Alma-Alta, 1958, 2h pp(Kazakhstan. Acad of Agr Sci. Sci Res Inst of Fodders and Pastures) 120 copies (KL, 28-58, 108)

- 59 -

GOLUBEV, A.M., aspirant; TIKHONIN, I.Ya., prof., nauchnyy rukovoditel

Preventing traumatism in cattle marked for slaughter. Veterinariia 42 no.7:98-100 Jl '65. (MIRA 18:9)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy
promyshlennosti.

COLUBEY, A.M., aspirant; SHIRYAYEVA, V.I.

· 计分离分类程序设置 (1987) 12 12

Transatic intranuscular hemorrhages in carcaca a. Veterinariia 42 nc.10:88-89 0 165. (MIRA 18:10)

l. Moskovskiy tekhnologicheskiy institut myasnoy i solochnoy promyshlennosti (for Golubev). 2. Starshiy bakteriolog Moskovskogo myasokombinata (for Shiryayeva).

GOLUBEY, A.N.

Air curtain in an unloading hatch of a raw material storeroom.

Tekst.prom.14 no.1:54 Ja '54. (MIRA 7:2)

(Factories--Heating and ventilation)

YASHKIN, A.Ya.; COLUBEV, A.N.

Concerning the passband of a #-wave guide. Izv. vys. ucheb. zav.; radiotekh. 6 no.2:148-155 Mr-Ap *63. (MIRA 16:6)

1. Rekomendovana kafedroy fiziki Moskovskogo gosudarstvennogo zaochnogo pedagogicheskogo instituta.
(Wave guides)

Strengthening the ties of publisher and readers. Tekst.prom.15 no.9:46-47 S '55. (MIRA 8:11)

1. Zaveduyushchiy tekhnicheskoy bibliotekoy Sosnevskoy fabriki.

2. Konstruktor Sosnevskoy fabriki (Textile industry)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515910008-2

L 10375-63

ACCESSION NR: AP3000330

S/0142/63/006/002/0148/0155

44

AUTHOR: Yashkin, A. Ya.; Golubev, A. N.

TITLE: Transmission band of pi-type waveguide

SOURCE: Izv. VUZ: Radiotekhnika, v. 6, no. 2, 1963, 148-155

TOPIC TAGS: waveguide transmission band, waveguide cutoff frequency

ABSTRACT: Theoretical calculation is submitted of the cutoff frequencies corresponding to all the waves near the fundamental mode H sub 10 for a non-symmetrical pi-type waveguide. The modes H sub 20, H sub 11, and 11 sub 01 are mathematically analyzed; the integral equations we solved by the Hunny-Galerkin method [Abstracter's note: the control of t

wavelength. Good agreement between theoretical and expendenced data is reproved. Orig. art. has: 25 equations and 3 figures.

Card 1/2

L 10375-63

ACCESSION NR: AF3000330

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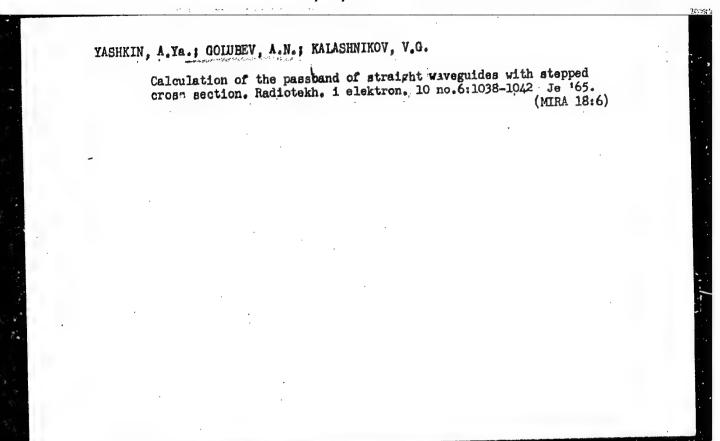
ASSOCIATION: Moskovskiy Gos. zaochry*y ped. in-t (Moscow State Correspondence

Teachers Institute)

SUBMITTED: 26May62 DATE ACQ: 13Jun63 ENCL: 00

SUB CODE: CO NR REF SOV: 003 OTHER: 001

1s/// 2/2



YASHKIN, A.YR.; GOLUBEV, A.N.

Calculation of natural frequencies of resonators with complex form of spherical functions. Radiotekhnika 20 no.11:2/-33 N *65. (MIRA 18:11)

1. Submitted December 20, 1963.

GOLUSEV, A. P.

Tables for calculating the amount of excavation work in the construction of a readbed for 750 mm. gage railroads. Moskva, Goslebumizdat, 1949. 269 p. (50-33197)

TF222.06

ANISIMOV, V.I.; GOLUBEV, A.P.

Transistorized RC-coupled sine wave generator. Radiotekhnika
16 no.9:55-59 S '61. (MIRA 14:9)
(Oscillators, Transistor)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515910008-2"

ACCESSION NR: AT4017562

S/3074/62/000/047/0195/0211

AUIHOR: Anisimov, V. I. (Candidate of Technical Spiences, Docent); Golubev, A. P. (Engineer)

TITLE: Temperature stabilization of output voltage of semiconductor sinusoidal RC oscillators

SOURCE: Leningrad. Elektrotekhnicheskiy institut. Izv., no. 47, 1962, 195-211

TOPIC TACS: Rc oscillator, RC generator, sinusoidal generator, oscillator temperature stabilization, thermistor stabilization, semiconductor RC oscillator, nonlinear feedback stabilization

ABSTRACT: The generator output is temperature-stabilized by means of a selective time-delay nonlinear negative-feedback RC network containing a thermistor. Different variants of such a feedback network are shown and their operation analyzed on the basis of the thermistor current-voltage characteristic. The stability of the output oscillator voltage is analyzed as a function of the changes in the amplifier gain, thermistor resistance, and positive-feedback loop of the oscillator. The instability of the generator output can be reduced to about 0.06 — 0.1% per 10C, but if the ambient is lower than + 50C the instability can be made

ACCESSION NR: AT4017562

much smaller. The effect of the individual components of the network on the instability is also briefly discussed. The over-all output voltage instability of semiconductor RC generators designed in accordance with the conslusions of this investigation do not exceed ± 20 for a total ambient temperature change from -60 to +60C. Orig. art. has: 6 figures and 29 formulas, and 1 table.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrotechnical Institute).

SUBMITTED: 00Jan61

DATE ACO: 20Mar64

ENCL: 00

SUB CODE: GE

NR REF SOV: 001

OTHER: 000

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ANISIMOV, V.I.; GOLUBEV, A.P.

Using quadrature feedback for the stabilization of the amplification factor of semiconductor amplifiers with a fixed frequency. Priborostroenie no.4:8-10 Ap '63. (MIRA 16:4)

(Amplifiers (Electronics))

ANISHOV, Vladimir Ivanovich; COLUMEV, Aleksandr Pavlovich;
KOCHINEV, Yu.G., red.

[Transistorized modulators] Tranzistornye moduliatory.
Moskva, Izd-vo "Energiia," 1964. 222 p. (MIRA 17:8)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515910008-2"

ACCESSION NR: AP4043717

5/0106/64/000/008/0044/0051

AUTHOR: Anisimov, V. I.; Golubev, A. P.

TITLE: Equivalent circuits of a transistor operating as a weak-signal chopper

SOURCE: Elektrosvyazi, no. 8, 1964, 44-51

TOPIC TAGS: transistor, transistorized switch, chopper transistor

ABSTRACT: The well-known formulas describing static equivalent circuits of a unipolar- and bipolar-controlled weak-signal chopper transistor are reviewed. Experimentally determined parameters which enter the above formulas, for P15, P103, and P106 Soviet-made transistors, are tabulated; the effects of temperature and the mode of operation on these parameters are explained. Because of diffusion-process inertia and p-n-junction capacitance, transient spikes appear on the output waveform and may distort the operation of a weak-signal chopper considerably. These spikes create an additional keying-frequency noise or shift

Card 1/2

ACCESSION NR: AP4043717

the zero level in d-c amplifiers. Simple equivalent circuits (Figs 7 and 8) are suggested to allow for the switching transients. Formulas are developed for determining the parameters of these circuits, and numerical values of the parameters for P15, P103, and P106 transistors are given. Orig. art. has: 8 figures, 20 formulas, and 2 tables.

ASSOCIATION: none

SUB CODE: EC

SUBMITTED: 30 Mar64

NO REF SOV: 001

OTHER: 005

ENCL: 00

Card 2/2

ANISIMOV, V.I.; GOLUBEV, A.P. Equivalent circuits of a transistor operating in a weak signal chopping mode. Elektrosviaz' 18 no.8:44-51 Ag '64. (MIRA 17:8)

ACCESSION NR: AP4043476

5/0103/64/025/008/1221/1227

AUTHOR: Golubev. A. P. (Loningrad)

TITLE: Selecting component parameters for translatorised operational chopper-

SOURCE: Avtomatika i telemekhanika, v. 25, no. 8, 1964, 1221-1227

TOPIC TAGS: amplifier, operational amplifier, chopper amplifier, transistorized amplifier, transistorized operational amplifier

ABSTRACT: Recommendations are offered and formulas developed for selecting time constants in transistorized operational chopper-stabilized d-c amplifiers on the basis of a phase margin of 90° or more for all modes of operation. This criterion is recommended to prevent the open-loop frequency characteristic from extending into the left semiplanet $|\arg W(j\omega)| < \pi/2$, where $W(j\omega)$ is the complex open-loop transfer coefficient. By satisfying this criterion, the amplifier

Card 1/2

ACCESSION NR: AP4043476

stability can be assured not only under linear-mode conditions but also under overload conditions (the turn-on moment). Orig. art. has: 6 figures and 19 formulas.

ASSOCIATION: none

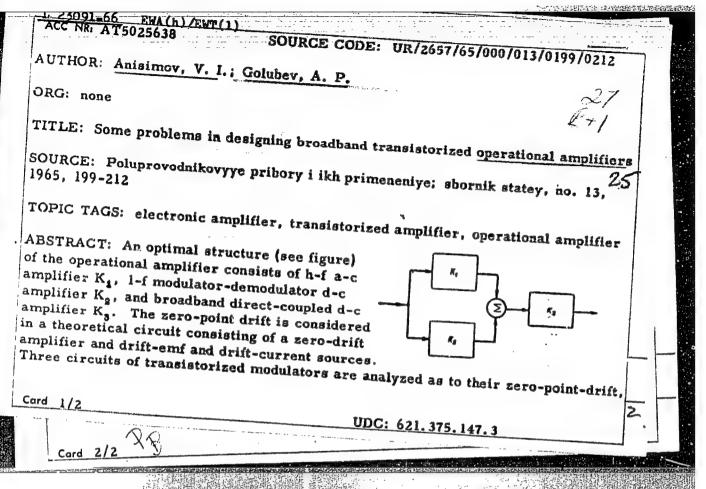
SUBMITTED: 12Jun63 ENGL: 00

SUB CODE: EC NO REF SOV: 004 OTHER: 001

L 8886-66 EWA(h)/EWT(1) ACC NR: AP5028031 SOURCE CODE: UR/0119/65/000/011/015/0017 AUTHOR: Anisimov, V. I. (Candidate of technical sciences); Golubev, A. P. (Candidate of technical sciences) ORG: none TIZLE: Broadband transistorized operational d-c amplifier 75 SOURCE: Priborostroyeniye, no. 11, 1965, 15-17 TOPIC TAGS: de amplifier, transitorized amplifier ABSTRACT: The development of a new transistorized low-drift high-accuracy operational d-c amplifier is reported. Intended for integration and scale inversion, the amplifier has this parallel-channel structure: Here, A is a h-f a-c amplifier; A is a modem (chopper) d-c amplifier; As is a broadband d-c amplifier with directly coupled stages. These characteristics are reported: At 20C, the voltage gain and the input resistance are 100,000 and 200 kohms for d.c. or 5000 and 75 kohms for 1000 cps, respectively. Stable operation with supply-woltage Card 1/2 VDC:621.375.024:621.382.3

ACC NR					
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linear	negative feedba s 30 v. The new al to usual tran	ck sharply redu	ces the A _s gain wr tended for operati	nt time, 2—5 sec. nen the output vol. lon at -60 to +80C g. art. has: 6 fig	and is not
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L 8802-66 EWT(1)/EWA(h) ACC NR: A P5026967 SOURCE CODE: UR/0103/65/025/010/1832/1837 AUTHOR: Anisimov, V. I., (Leningrad), Golubev, A. P. (Leningrad) ORG: None TITLE: Selection of the optimum frequency response for transistorized operational amplifiers SOURCE: Avtomatika i telemekhanika, v. 26, no. 10, 1965, 1832-1837 TOPIC TAGS: frequency characteristic, transistorized amplifier, mean square error ABSTRACT: The authors consider the relationship between the standard error of an operational amplifier and the modulus of the frequency response for loop amplification W(iw), as well as the relationship between the critical frequency of this response and the transistor parameters. It is recommended that the average decay of W(jw) should be 30 db/decade in operational amplifiers with parallel amplification channels. A circuit is given for a transistorized operational amplifier which gives the optimum shape of frequency response characteristic for loop amplification. Orig. art. has: 6 figures and 8 formulas. SUB CODE: 09 / SUBM DATE: 10Feb65 / ORIG REF: 003 / OTH REF: 002 jw UDC 621:375.147.3



SOURCE CODE: UR/0115/66/000/005/0048/0050 ACC NRI AP6022202 AUTHOR: Anisimov, V. I.; Golubev, A. P. ORG: none TITLE: Switching of transistorized weak-signal choppers SOURCE: Izmeritel'naya tekhnika, no. 5, 1966, 48-50 TOPIC TAGS: transistorized circuit, dc ac inverter , Switching Circuit ABSTRACT: Switching processes in two transistor - switch circuits are theoretically considered. In a "two-pole" circuit (see Figure 1), the transistor is turned off by a bias voltage; in a "single-pole" circuit (Fig. 2), no bias voltage is needed for turning off the transistor. It is found that the "two-pole" circuit is most suitable for Ge-transistorized weak-signal choppers because it provides higher conversion factor and its zero-point drift is practically independent Fig 2 Fig 1 of the method of switching. For Sitransistorized choppers, the "single-pole" circuit is preferable because it has considerably lower zero-point level. Orig. art. has: 4 figures, 7 formulas, and 1 table. SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004 UDC: 621.314 Card 1/1

GOLUBEV A.S

AUTHOR:

Dianov. D. B.

46-14-1-17/23

TITIE:

Seminar on Physics and Application: of Ultrasound,

Dedicated to the Memory of S.Ya. Sokolov, a Corresponding Member of the Academy of Sciences of

the USSR. (Seminar po fizike i primeneniyu ul'trazvuka, posvyashchennyy pamyati chlena-korrespondenta AN SSSR S.Ya. Sokolova.)

PERIODICAL: Akusticheskiy Zhurnal, 1958, Vol.IV, Nr.1, D.104. (USSR)

ABSTRACT: A Seminar on Physics and Applications of Ultrasound, dedicated to the memory of S. Ya. Sokolov, was held on 23-26th October, 1957, in Leningrad Electro-Technical Institute imeni V.I. Ul'yanov (Lenin).

More than 100 scientists and engineers from Leningrad, Moscow and other towns took part in this seminar. Sokolov's scientific work on ultrasound was described

by G.V. Odintsov and E.S. Sokolova; and L.L. Myasnikov and S.N. Rzhevkin described their personal contacts with Sokolov. A large group of papers dealt with "ultraacoustoscopy", the subject which was developed with Sokolov.

Card 1/3 by Sokolov. L.G. Merkulov, N.A. Yevdokimcv and

46- 4-1-17/23 Seminar on Physics and Application of Ultrasound, Dedicated to the Memory of S.Ya. Sokolov

A.S. Golubev, in their paper on "Ultrasonic Methods of Studies of Solids" described Sokolov's and his co-workers' work on ultrasonic testing for defects. A.K. Gurvich spoke on "Further Development of Ultrasonic Apparatus for Quality Control of Welded Joints"; B.N. Masharskiy reported on defect tracing by change of frequency and use of standard defects; transmission of ultrasound across a boundary between two solids was described by B.D. Dianov; V.V. Bogorodskiy and I.V. Zashchuk reported the results of ultrasonic measurement of properties of ice and concrete respectively. subject of making acoustic field visible was dealt with in papers by V.G. Prokhorov - "On Transformation of an Ultrasonic into a Visible Image" (electronacoustic convertors), P.V. Ponomarev (use of piezo-electric mosaics), and Ye.D. Pigulevskiy (convex images in liquids). Ultrasonic absorption in Ultrasonic absorption in liquids was dealt with by B.B. Kudryavtsev in "Use of Ultrasonic Measurements in Physico-Chemical Studies". V.F. Nozdrev reported measurements of critical constants Card 2/3 using ultrasonics, and S.A. Balyan spoke on propagation

Seminar on Physics and Application: of Ultrasound, Dedicated to the Memory of S.Ya. Sokolov.

of ultrasound in reacting liquids. ultrasound velocity and absorption were dealt-with Measurement of in papers by V.F. Nozdrev, V.F. Yakovlev, N.I. Koshkin ("Development of Professor S.Ya. Sokolov's Ideas on Pulse Technique in the M.O.P.I Laboratory"), I.G. Mikhaylov ("Application of a Piezoelectric Quartz Wedge to Measurement of Absorption in Liquids"), V.A. Solov'yev ("Application of a Composite Piezoelectric Vibrator in the Study of Polymers"), and G.N. Feofanov ('Measurement of Velocity of Propagation of Ultrasonic Waves in Liquids using the Method of Pulse Interfercmetry"). Two papers on the effect of ultrasonics on crystallization were read: I.I. Teumin on 'The Effect of Elastic Vibrations on Crystallization and on Technical Properties of Metals and Alloys", and Kh.S. Bagdasarcv on "The Effect of Ultrasonic Vibrations on Crystallization Processes.".

Card 3/3 1. Physics—Conference 2. Ultrasevad—applications 3. Ultra-

GOLUBEV, A.S.

Reflection of plane waves from a cylindrical discontinuity. Akust. zhur. 7 no.2:174-180 *61. (MIRA 14:7)

1. Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova, (Lenina).

(Sound waves)

S/032/62/028/002/017/037 B104/B108

AUTHORS:

Golubev, A. S., Merkulov, L. G., and Shchukin, V. A.

TITLE:

Attainment of maximum sensitivity in ultrasonic echo

defectoscopy

PERIODICAL:

Zavodskaya laboratoriya, v. 28, no. 2, 1962, 196 - 199

TEXT: The maximum attainable sensitivity of the echo method depends on the defect-reflected signal-to-reverberation noise ratio. A study of the structure reverberation in solids can in first approximation be made similarly to the study of volume reverberation in the sea. The frequency dependence of the reverberation noise is mainly determined by $\sqrt{\alpha_p} \exp(-(\alpha + \alpha')r)$ where $\alpha = \alpha_p + \alpha_n$ is the total absorption coefficient in a polycrystalline body. α_n is the absorption and α_p the scattering coefficient. α' takes account of the attenuation of the scattered waves. With increasing frequency the reverberation noise initially increases due to the increased scattering power of the medium. At a certain frequency where $\sqrt{\alpha_p} \approx \exp(-(\alpha + \alpha')r)$, a maximum is reached. If the frequency increases Card $1/\beta_2$

Attainment of maximum sensitivity ...

S/032/62/028/002/017/037 B104/B108

further the noise decreases owing to increasing attenuation. If the scattering power of the medium increases the maximum is shifted to lower frequencies. If the ultrasonic wavelength λ is considerably larger than the mean grain size of the medium, reverberation noise will be weak. If λ is approximately equal to the mean grain size, an interference-type noise is observed. The authors calculated the frequency dependences of the reverberation noise (Fig. 2), of the useful signal, and of the useful signal-to-noise ratio (Fig. 5). The signal-to-noise ratio can be improved by increasing the transducer area. There are 5 figures and 6 Soviet references.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im.

V. I. Ul'yanova-Lenina (Leningrad Electrotechnical Institute imeni V. I. Ul'yanov-Lenin)

Fig. 2. Calculated (a) and experimental (b) dependence of the relative reverberation noise on frequency for 1X18H9T (1Kh18N9T) steel. Legend: (1) mean grain size 1.2 mm; (2) mean grain size 0.3 mm.

Fig. 5. Useful signal to reverberation noise ratio as a function of frequency for a cylindrical defect (diameter 1 mm). Card $2/\vec{p}_2$

GGRYZKOV, Rostislav Sergeyevich; GOLUBEV, A.S., red.

[Ultrasonic testing of plug welded assemblies] Ultrazvukovoi kontrol svarnykh scedinenii na elektrozaklepkakh. Leningrad, 1964. 19 p. (Leningradskii dom nauchnotekhnicheskoi propagandy. Obmen peredovym opytom. Seriia:

Elektrotekhnologicheskie protsesny i ustanovki, no.3)
(MIRA 17:7)

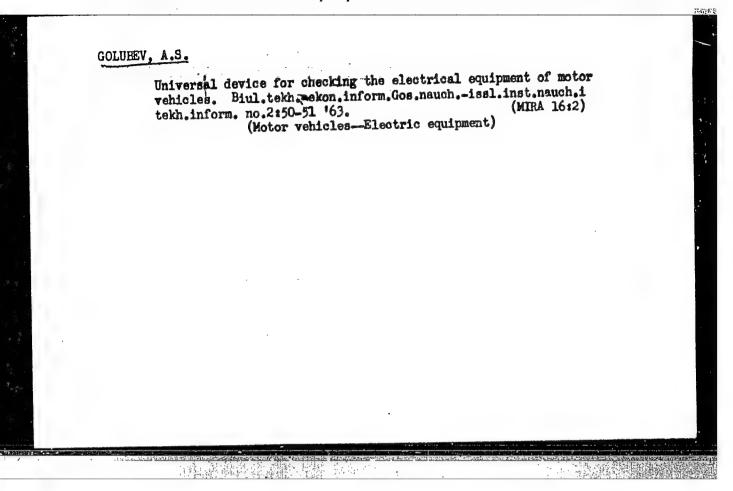
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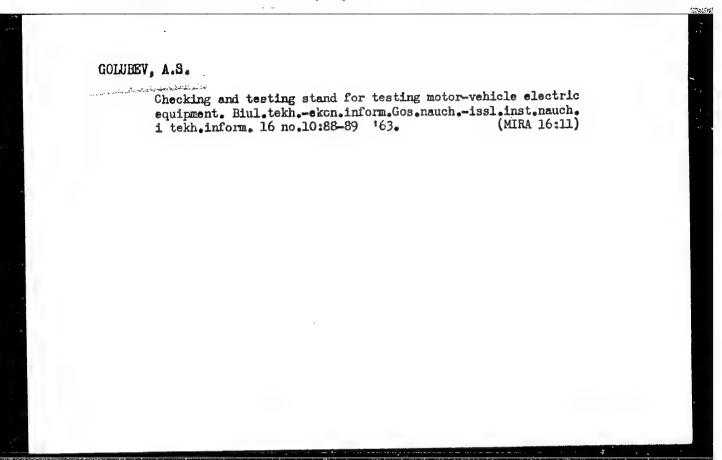
GOLUBEV, A.S. [Holubiev, A.S.], inzh.

Device for checking motortruck brakes. Mekh. sil'. hosp. 13
no.9128 S '62. (MIRA 17:3)

Golubev, A.S.

Stand for testing automobile electric equipment. Mashinostroitel' no.1:19 Ja '63. (MIRA 16:2) (Automobiles-Electric equipment-Testing)





GOLUBEV, A.S.

Device for checking cylinders of the piston group of carburetor engines. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst. nquch.-issl.inst.nauch. i tekh.inform. 16 no.11:54-55 '63. (MIRA 16:11)

生。自由的主义的 1985年,1986年,198

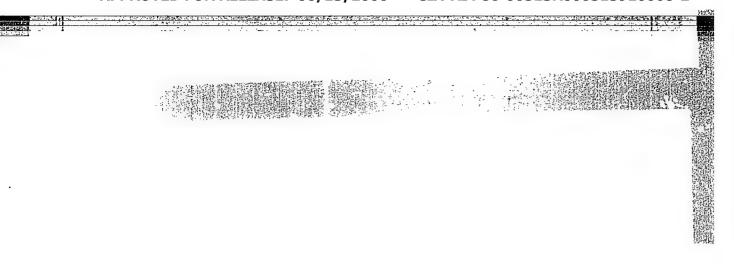
GOLUBEY, A.S.

Storage-battery truch for starting motor vehicles. Biul. tekh.-ekon. inform. Gos. rauch.-issl. inst. nauch. i tekh. inform. 17 no.2:71-72 *64. (MIRA 17:6)

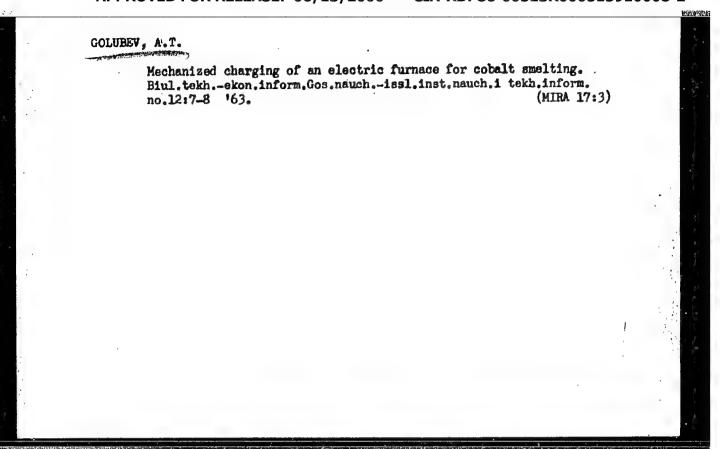
Checking device for motor vehicles and tractors. Biul. tekn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 17 no.6:57-58 'Je.'64. (MRA 37:11)

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case the investigation was conducted at various ratios bit whore outs the

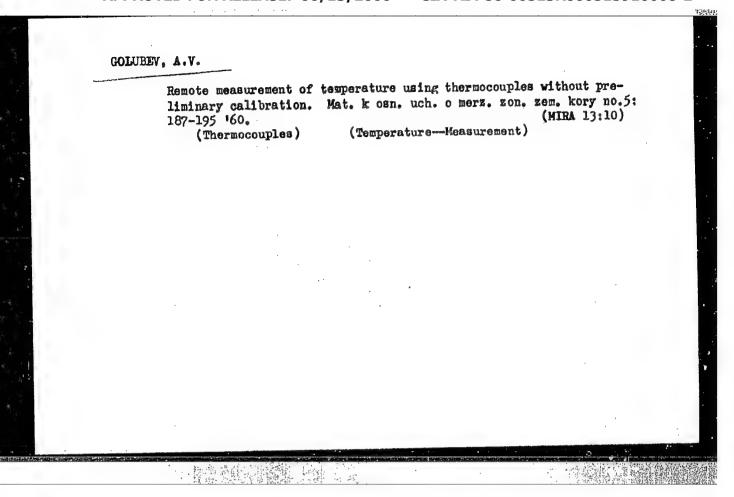


GOLUBEV. Aleksandr Vasiliverich: AKIMOV, A.T., otvetstvennyy redaktor:
SHAPOVALOV, I.K., redaktor izdatel*stva; MAKUNI, Ye.V., tekhnicheskir dation

[Remote measurement of the temperature, frost heaving, and stresses in thermally active soil layers] Distantsionnye izmereniis temperatury pucheniis i napriazheniia termicheski deiatelinogo sloia grunta.

Moskva, Izd-vo Akad.nauk SSSR, 1957. 83 p.

(Telemetering) (Frozen ground)



VARLAMOV, A.I.; GOLUBEV, A.V.; AKHOBADZE, A.V. (Gruzinskaya SSR)

Production and use of peat fertilizers and litter. Torf. prom.
37 no.5:21-22 '60. (MIRA 14:10)

1. Moskovskiy oblastney sovnarkhoz (for Varlamov). 2.
Smolenskiy oblispolkom (for Golubev).
(Peat)

(Fertilizers and mamures)

[Mechanization of grass drying] Mekhanizatsiia sushki trav.
Mockva, Mashgiz, 1961. 77 p. (MIRA 15:1)

(Grasses—Drying)

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CIA-RDP86-00513R000515910008-2

GOLUBEV, A.V.; PAVIOV, A.V.; Prinimali uchastiye: ANAN'YEVA, Yu.G.,
Laborant; IERAGIMOVA, Z.R., Laborant; MAL'KOVA, M.N., Laborant;
KOTKOVA, 1.A., Laborant; SHIMAMOVOKIY, T.S., Laborant; SHOKHIMA,
N.K., Laborant.

Investigating heat currents in soils for some types of the active surface. Dokl. AN SSSR 139 no.6:66-118 Ag '61.

(MIRA 14:7)

(Moscow Province—Soil temperature)

PALAD'KO, Vasiliy Vasil'yevich; GOLUBEV, A.V., otv. red.; BUTOMO, I.N., red. 12d-va; SUSHKOVA, L.A., tekhn. red.

[Electric resistance thermometers for geocryological research]
Elektricheskie termometry soprotivleniia dlia geokriologicheskikh issledovanii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 93 p.
(MIRA 15:6)

(Thermometers)

Electrochemical effect in thermocouplemeasurements. Mat.k uch.o merz.zon.zem (Temperature	s on the accuracy of temperature s. fory no.8:113-132 '62. (MIRA 16:3) seasurement)
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Miltichannel program switch with a low parasitic thermal e.m.f.

Mat.k uch.o mdrz.zon.zem.kory no.8:152-159 '62. (MIRA 16:3)

(Telemetering) (Electronic measurements)

GOLUBEV, A.V.; DANILIN, A.I., otv. red.; MEDER, V.M., red.izd-va; ZUDINA, V.I., tekhn. red.

[Measuring and recording soil temperature using thermoelements] Izmerenie i registratsiia temperatury v gruntakh s pomoshch'iu termoelementov. Moskva, Izd-vo "Nauka," 1964. 145 p. (MIRA 17:3)

ARIMUSHEY, I.V.; ABRAMOVICH, B.Ya.; GOLUBEY, A.Ya.

Ethyl mercuric phosphate for the control of slime formation. Bum.prom.
29 no.4:19-21 Ap '54.

1. Balakhninskiy tsellyulosno-bumashnyy kombinat.

(Paper industry)

VOLKOV, L.Ye., inzhener; GOIUEEV, A.Ya., inzhener.

Investigation of the engineering characteristics of centrifugal purifiers. Bum.prom. 30 no.3:17-19 Mr 155. (MIRA 8:4)

1. NIIBummash (for Volkov). 2. Balakhninskiy tsellulosno-bumashnyy kombinat (for Golubev).

(Papermaking machinery)

NIKOL'SKIY, N.G.; GOLUERY, A. a.

Operation of a double-chamber suction couch roll. Bum.prom. 35 no.1:18-21 Ja '60. (MIRA 13:6)

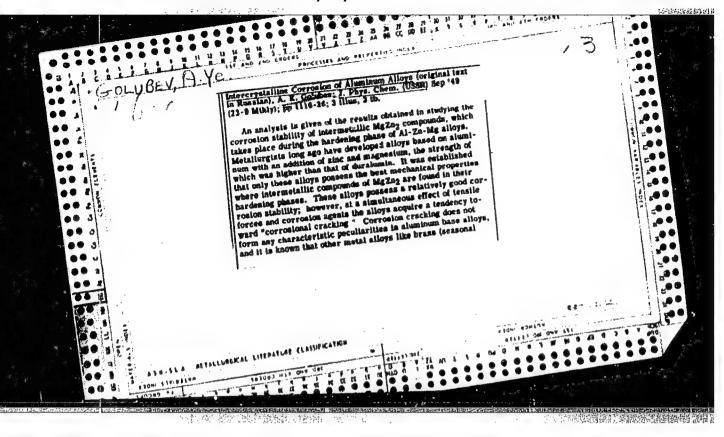
1. Zaveduyushchiy proizvodstvom Balakhninskogo kombinata (for Nikol'skiy). 2. Bukovoditel' issledovatel'skoy gruppy Balakhninskogo kombinata (for Golubev). (Balakhna-Papermaking machinery)

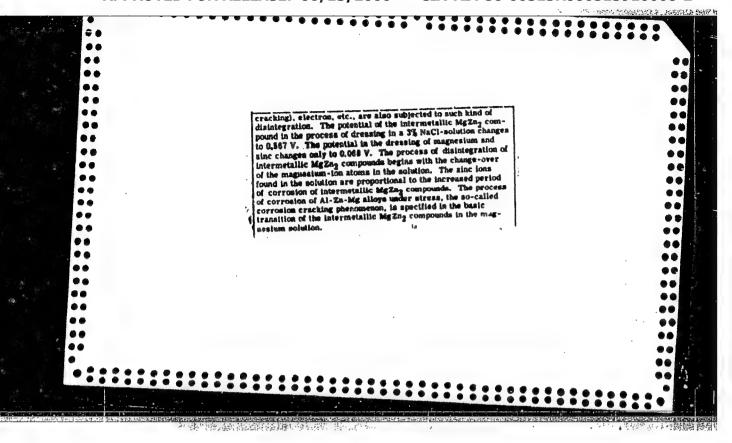
GOIUBEV, A. Ya., inzh.

Preparation of silicate glue. Bum.pron. 35 no.2:23-24 F 160. (MIRA 13:6)

l. Nauchno-issledovatel skaya laboratoriya Balakhninskogo tsellyuloznobumazhnogo kombinata.
(Balakhna--Glue)

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GOLUBEY, B.A., inzh. Methods for cleaning the oil lines of turbine units. Energ. stroi. no.1:26-27 '59. (MIRA 13:2) 1.Trest "TSentroenergomontarh". (Turbines)

GOLUBEY, B.A., inzh.

Block assembly of AR-4-3 and AR-6-5 steam turbines. Energ. stroi. no.22:43-44 '61. (MIRA 15:7)

1. Gosudarstvennyy soyuznyy montazhnyy trest Glavpromenergomontazha Ministerstva stroitel¹stva elektrostantsiy SSSR. (Steam turbines)

LASHCHINSKIY, A.A., inzh.; TOLCHINSKIY, A.R., inzh.; GOLUBEV, B.A., inzh., retsenzent; YERSHOV, B.A., inzh., retsenzent; LOGINOV, N.N., inzh., red.; VASIL YEVA, V.P., red.izd-va; MIKHEYEVA, R.N., red.izd-va; SPERANSKAYA, O.V., tekhn.red.

[Fundamentals of the design and calculation of chemical apparatus] Osnovy konstruirovaniia i rascheta khimicheskoi apparatury; spravochnik. Moskva, Mashgiz, 1963. 468 p. (MIRA 17:1)

GOLUBEW, B.A., inzh.; SHLEYFER, Yu.D., inzh.

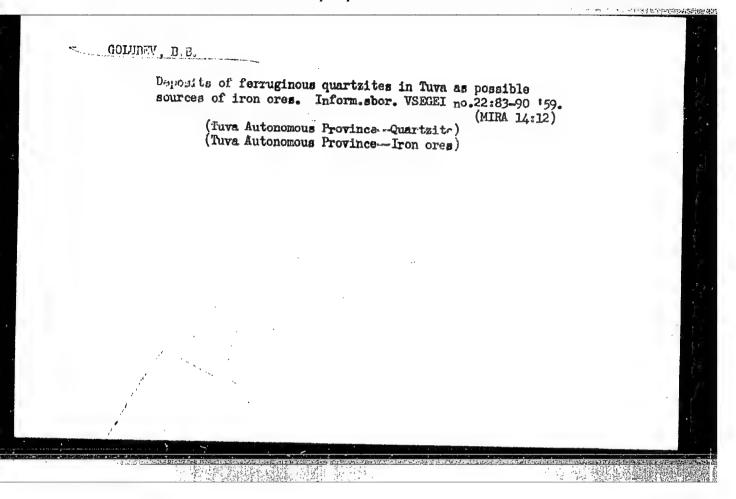
Plant unit for the continuous production of plastic foam tiles. Khim.
mashinostr no.2:40-41 Mr-Ap 163.

(Tiles)

(Plastics)

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CIA-RDP86-00513R000515910008-2



GOLUBEV, B.I., inzhener-podpolkovnik

等。 第二章 第二章 第二章

Methods for suppressing radar stations (as revealed by foreign press data). Vest. protivovozd. obor. no.11:51-54 N '61.

(MIRA 16:10)

(Radar, Military)

S/081/61/000/022/070/076 B144/B138

AUTHORS:

Golubev, B. N., Zaretskiy, B. F., Konstantinov, V. N.

TITLE:

Automatization of screw extruders for plastics

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 22, 1961, 454, abstract 22P95 (Mekhaniz. i avtomatiz. proiz-va, no. 3, 1961, 20-24)

TEXT: For automatic temperature control and regulation in the extrusion process, both positional (for larger temperature intervals) and speed-proportional floating control systems are used. But owing to the high inertia of the units hitherto used (e.g., resistance thermometer as pickup, autotransformer as regulating element, control has not proved effective enough. The use of electronic relays and miniature thermocouples gives enough better results. At present, electronic machines of the APC-200 much better results. At present, electronic machines of the APC-200 (MARS-200) scan-checking type are still more effective. Each of these machines is able to control 20-40 extruder units. [Abstracter's note:

Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515910008-2"

FROLOV, K.D.; GOLUBEY, B.N.

Number of cycles in consecutive pumping. Transp. i khran. nefti i nefteprod. no. 1:11-16 '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu nefti i nefteproduktov.

PANASENKO, M.D., kand.tekhn.nauk; COLUBEY, B.P., kand.tekhn.nauk

Study of a choke-type calorimeter for determining the moisture content of steam. Izv. vys. ucheb. zav.; energ. 4 no.11:95-100 N '61.

(MIRA 14:12)

1. Moskovskiy ordena Lenina energeticheskiy institut. Predstavlena kafedroy inzhenernoy teplofiziki.

(Steam) (Calorimeters)

MATUSEVICH, M.G., kand. ekon. nauk; MILOVANOV, V.A., kand. ist.
nauk; NIKITIN, G.A., kand. geogr. nauk; GURVICH, G.Ts.
kand. ekon.nauk; GOLUBEV, B.P., nauchn. sotr.;
KRUTILINA, T.N., nauchn. sotr.; MIKHNEVICH, L.M., nauchn. sotr.; GIORGIDZE, Z.I., kand. ekon. nauk; RAVUN,
I.I., kand. ekon. nauk; OKUN', M.V., kand. ekon.nauk;
KOVALEVSKIY; G.T., kand. ekonom. nauk; KEROMOV; P.A.,
doktor ekonom. nauk, nauchnyy red.; LEONENKO, I., red.
ixd.va; ATLAS, A., tekhn. red.

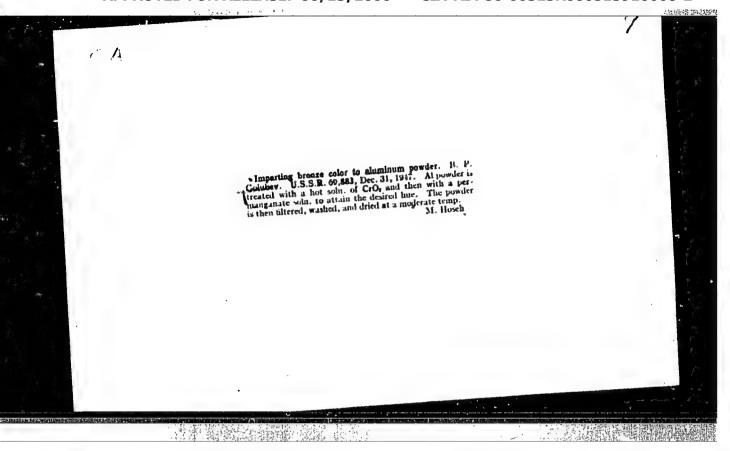
[Economy of White Russia during the period of imperialism, 1900 - 1917] Ekonomika Belorussii v epokhu imperializma, 1900-1917. Minsk, Izd-vo AN BSSR, 1963. 420 p. (MIRA 17:3)

1. Akademiya navuk BSSR, Minsk, Instytut ekonomiki.
2. Institut ekonomiki AN BSSR (for all except Leonenko, Atlas).

GOLUBEV, B.P.; VASIL'YEVA, G.A.; KALITIN, P.P.

MEI-MKTS bushings from the zone of high temperatures and pressures.
Teplofiz. vys. temp. 2 no.3:489 My-Je '64. (MIRA 17:8)

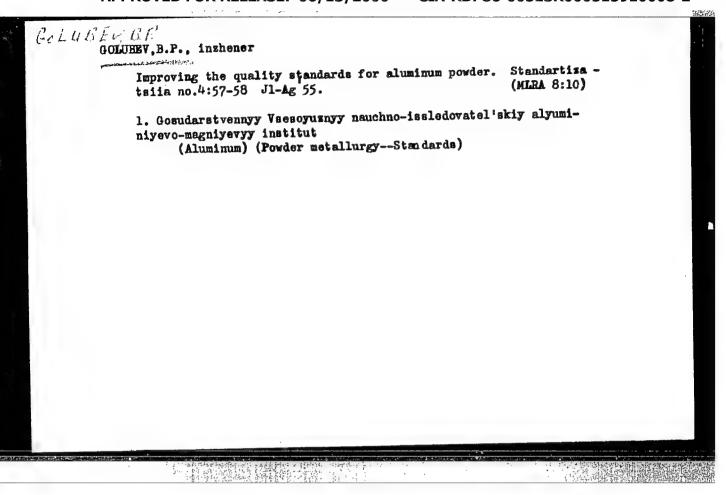
1. Nauchno-isaledovatel'skiy institut vysokikh temperatur.



COLUBEV, B. P., (Grad Stud)

Dissertation: "The Investigation of a Throttling Calorimater for Determining the Humidity of Steam." Cand Tech Sci, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov, 18 Jun 54. (Vechernyaya Moskva, Moscow, 9 Jun 54.)

SO: SUM 318, 23 Dec 1954



GCLUBEN B. A

USSR /Chemical Technology. Chemical Products

I-26

and Their Application

Lacquers. Paints, Drying oils, Siccatives,

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32614

Author : Varlamova I.N., Golubev B.P.

Title : Method for the Determination of the Dimensions

of Particles of Aluminum Powder

Orig Pub: Zavod. laboratoriya, 1956, No 1, 80-82

Abstract: A rapid determination is made using a single

O.1 g sample of the powder (P), by measuring:
a) average thickness of particles I on the
basis of the surface area occupied by the sample when it is distributed in a continuous

single layer on water; b) average transversal

Card 1./2

USSR /Chemical Technology. Chemical Products and Their Application

I-26

Lacquers. Paints. Drying oils. Siccatives.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32614

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dimension of the particles <u>I</u> under the microscope, at 200-1000 magnification; this dimension is determined by means of an eyepiece grating or object-micrometer, or on a microphotograph by means of a scale-ruler.

Card 2/2

SOV/137-58-9-18268

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p6 (USSR)

AUTHOR: Golubev, B. P.

TITLE: Methods for the Calculation of Separators for Classifying

> Finely Divided Homogenous Materials According to Particle Size (Metodika rascheta separatorov dlya klassifikatsii tonkikh

odnorodnykh materialov po razmeram chastits)

PERIODICAL: V sb.: Legkiye metally. Nr 3. Leningrad, 1957, pp 48-53

ABSTRACT: The concentration by volume of a substance in an aerosol

> can characterize both the physical state of arrangement and the feasibility of achieving classification. It is proposed that the relationship of the mean distance between the centers of the particles (b) to their diameter (d) be adopted as the parameter determining the concentration by volume, particle size, and the state of the system. Air classification is feasible only within the limits of b;d = 2.0 to 20.0; with other values for the parameter the classification is impeded. With a particle size < 0.3 mm the range of 0.01 to 0.0001 should be considered a

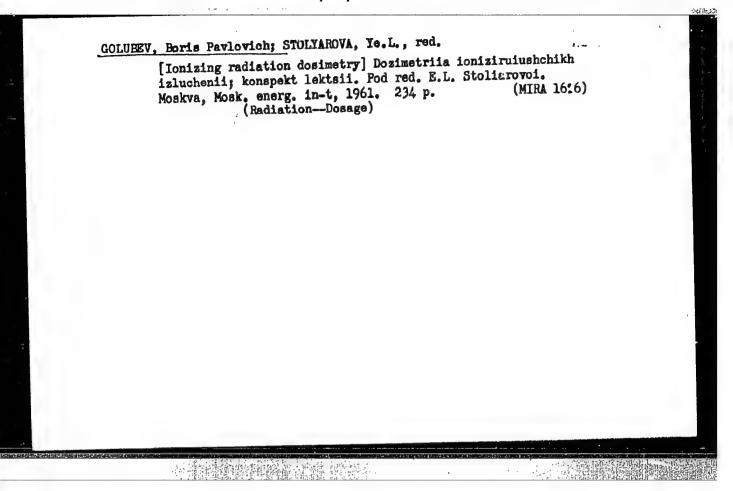
favorable region for concentrations by volume. Bibliography:

Card 1/1 19 references. 1. Aerosols-Separation 2. Particles

--Classification

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PHASE I BOOK EXPLOITATION

SOV/6564

Golubev, Boris Pavlovich

- Bozimetriya i zashchita ot ioniziruyushchikh izlucheniy (Dosimetry and Protection From Ionizing Radiation) Moscow, Gosenergoizdat, 1963. 335 p. 5600 copies printed.
- Ed. (Title page): Ye. L. Stolyarova, Docent, Candidate of Physical and Mathematical Sciences; Ed.: L. N. Sinel'nikova; Tech. Ed.: G. Ye. Larionov.
- PURPOSE: The book is intended for students of technical schools who are not specializing in nuclear physics but are working in the field of nuclear radiation.
- COVERAGE: The book is based on lectures given by the author in a general course of physics, presented in technical schools of higher education. The author discusses ionizing radiation

Card 1/4

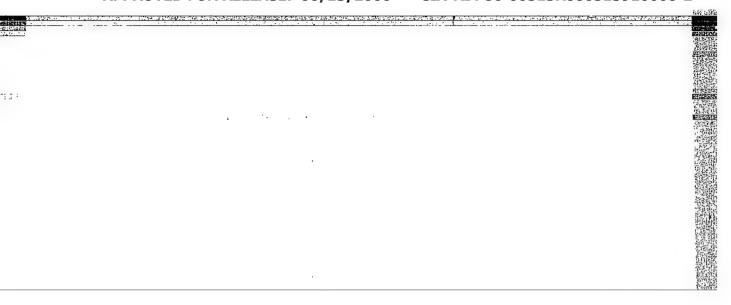
Dosimetry and Protection (Cont.) SOV/6564 dosimetry methods, simplified methods for calculating the shielding from gamma and neutron radiation, and the calculation of nuclear reactor shielding. The following Soviet scientists are mentioned in connection with dosimetry: K. K. Aglintsev, A. V. Bibergal', G. V. Gorshkov, N. G. Gusev, O. I. Leypunskiy, and I. V. Poroykov. The author thanks: Professor K. K. Aglintsev, Doctor of Technical Sciences; Docent Ye. L. Stolyarova, Candidate of Physicomathematical Sciences, and Docent B. A. Dement'yev, Candidate of Technical Sciences. There are 100 references, mostly Soviet. TABLE OF CONTENTS [Abridged]: & Foreword 3 Introduction 9 Ch. I. Passage of Charged Particles Through Materials 13 Ch. II. X-Ray Radiation. Passage of X-Rays and Gamma Rays Through Materials 24 Card 2/4

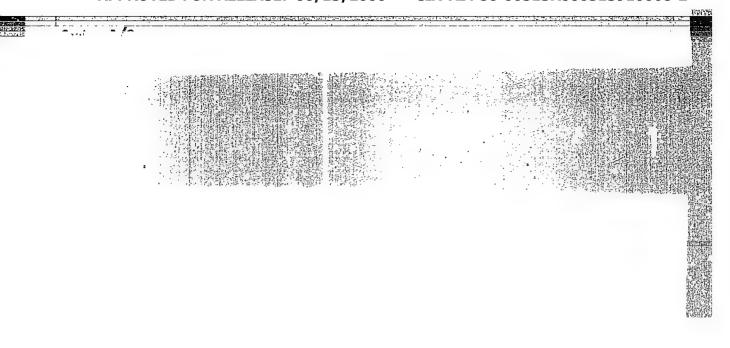
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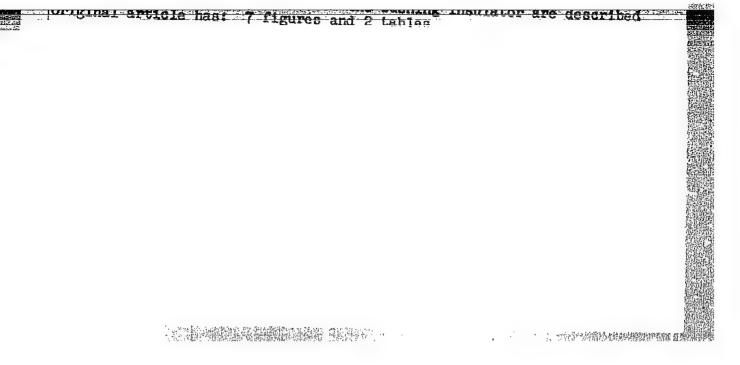
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3.FECT: Nuclear Engineering	AS/zp/rjm 2/6/64

BELOVA, Z.S., inzh.; GOLUHEV, B.P., kand. tekhn. nauk; MARTYNOVA, O.I., kand. tekhn. nauk; SAMOYLOV, Yu.F., kand. tekhn. nauk

Study of the electrolytic properties of NaCl and KCl solutions in water vapor with high and supercritical parameters using an electric conductivity measurement technique. Trudy MEI no.48:211-218 163. (MIRA 17:6)







MARTYNOVA, 0.T., doktor tekhn.mank, prof.; Minta, 2.S., inde., dissertant; columev, E.P., kend. tekhn. tank, Danovici. Ther., kend. tekhn. nauk

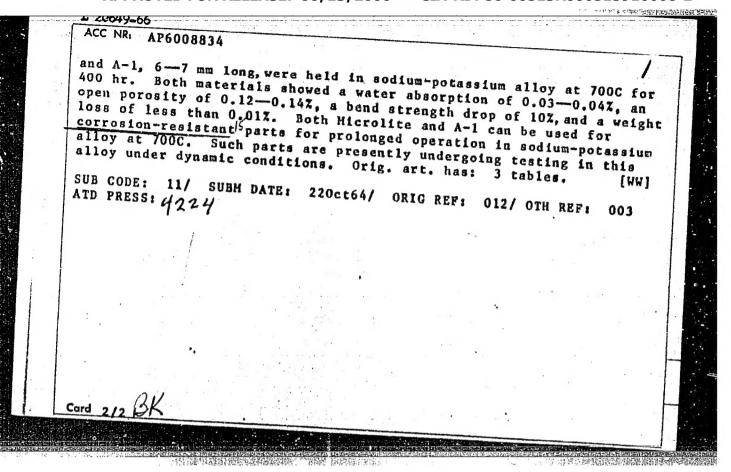
Study of the electrolytic proporties if water calculations of some electrolytes at high parameters. Tepicemergetika 12 no.7769-72

Ji 165.

1. Moskovskiy energeticheskiy institut.

L 20649-66 EMP(a)/FMT(m)/EPF(n)-2/EMP(1)/T/EMP(t)/ETC(m)-(IJP(a) JD/WW/JG/RM/ACC NR. AP6008834 WH (// Source code: UR/0294/65/004/001/0115/0119 AUTHOR: Kolosova, N. I.; Kharitonov, F. Ya.; Tsirlina, G. I.; Kostyukov, N. S.; Golubev, B. P. ORG: Scientific Research Institute of High Temperatures (Nauchnoissledovatel skiy institut vysokikh temperatur) TITLE: Testing the stability of corundum ceramics in liquid potassium and sodium alloy SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 1, 1966, 115-119 TOPIC TAGS: corundum caramic, ceramics corrosion, liquid corrosion, potassium sodium alloy, liquid alloy ABSTRACT: Three corundum-base materials GB-7 (97.09% Al_2O_3 , 0.92% SiO_2 , 0.08% Fe₂O₃, 0.90% CaO, 0.92% B₂O₃, 0.09% Na₂O), Microlitely also known as TSM-332 (99.34% Al_2O_3 , 0.05% SiO_2 , 0.03% CaO, 0.58% MgC), and A-1 (99.74 Al_2O_3 , 0.05% SiO_2 , 0.08 MgO, 0.10 Na₂O) have been tested for their behavior in liquid potassium-sodium alloy. The specimens were prepared from finely ground powders mixed with thermosetting resins by hot pressure casting and two-step firing. The total content of bonding agent after first firing did not exceed 1%. GB-7 showed a 20% strength drop in preliminary tests at 400C. The specimens of Hicrolite Card 1/2 UDC: 621.345.612:553.65

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EWT(d)/EWT(m)/EWP(c)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(1) IJP(c) 33666-66 JD/WH/JH AP6014065 ACC NR SOURCE CODE: UR/0294/66/004/002/0202/0206 AUTHOR: Golubev, B. P.; Kharitonov, F. Ya.; Kalitin, P. P.; Vasil'yeva, G. A.; Smirnov, S. N. 62 ORG: High Temperature Scientific Research Institute (Nauchno-B issledovatel skly institut vysokikh temperatur) TITLE: Construction properties of corundum microlite at high SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 2, 1966, 202-206 TOPIC TAGS: high temperature alloy, corundum refractory ABSTRACT: The article presents a correlation of experimental and literature data on the mechanical, physico-chemical, and thermo-physical properties of corundum microlite at room temperature and at high temperatures (up to 1200°C). The corundum microlite used had the following composition: 99.4-99.5% Al203; 0.5-0.6% MgO; 0.03-0.05% prolonged heating for 16 hours at 400°, and then for 12 hours at 1750°. The following properties of the samples were determined: water absorption, specific weight, porosity, hardness, coefficient of linear Card 1/2 UDC: 620.10.620.171.3.620.18

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KURAYEV, A.V.; SEMENKOV, P.L.; BLEYZ, N.G.; BULAVA, V.P.; VYAZ'NIN, V.A.;

GCILUREV, B.S.; DYSHMAN, B.N.; KARELIN, B.S.; KAYUKOV, G.I., KURGEL',
N.V.; MASHATIN, V.I.; RAGUSKAYA, L.F.; HUBINSHTHYN, S.N.; SETRANOV,
A.B.; TARASOV, L.A.; YEDOROVA, A.A.; FEDOROV, L.N.; TSEPKIN, M.F.;

SHAYEVICH, A.G.; VASIL'YEVA, I.A., red. 1zd-va; TIKHANOV, A.Ya.,
tekhn, red.

[ZII-158 and ZII-158A motorbuses; instructions for operation] Avtobusy ZII-158 i ZII-158A; instructsiia po ekspluatatsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 193 p.

(MIRA 11:7)

1. Hoskovskiy avtomobil'nyy zavod.
(Motorbuses)

显现的人(多数)原子等的。